

Title (en)
Fiber optic connector removal tool

Title (de)
Werkzeug zum Herausziehen von faseroptischen Steckern

Title (fr)
Outil pour retirer un connecteur de fibres optiques

Publication
EP 1473578 A2 20041103 (EN)

Application
EP 04252555 A 20040430

Priority
• US 46729703 P 20030502
• US 48349203 P 20030627
• US 49738903 P 20030822
• US 83369904 A 20040428

Abstract (en)
A tool for removing connectors from high-density fiber optic applications, has pivotable arms (13) with cooperative gripping ends (16) for facilitating the gripping, removal, and insertion of fiber optic connectors into appropriate ports or adapters. <IMAGE>

IPC 1-7
G02B 6/38

IPC 8 full level
G02B 6/40 (2006.01); **B25B 7/12** (2006.01); **B25B 9/00** (2006.01); **G02B 6/38** (2006.01)

CPC (source: EP US)
B25B 7/12 (2013.01 - EP US); **B25B 9/00** (2013.01 - EP US); **G02B 6/3893** (2013.01 - EP US); **G02B 6/3897** (2013.01 - EP US);
G02B 6/3898 (2013.01 - EP US)

Cited by
CN103331708A; US10606009B2; US11131821B2; WO2007094987A3; WO2009120523A1; WO2009111527A1; US7636507B2; US8086085B2; US9609404B2; US10063947B2; US10514520B2; US10914909B2; US11543613B2; US11579394B2; US7606459B2; US7418181B2; US7853112B2; US10473876B2; US11105994B2; US11579391B2; US10162131B2; US10809465B2; US11150420B2; US11513297B2; USRE49374E; US8107816B2; US8660429B2; US9197346B2; US9768900B2; US10439750B2; US11131822B2; US11658763B2; US7400813B2; US7835611B2; US8180192B2; US8520997B2; US9618719B2; US10073233B2; US10473877B2; US10637220B2; US10969555B2; US11387637B2; US11619792B2; US7885505B2; US8340491B2; US8634689B2; US9146371B2; US9568700B2; US9891398B2; US10139570B2; US10436996B2; US10649151B2; US10890730B2; US11372188B2; US10222571B2; US10802238B2; US11467362B2; US11934024B2; US7593614B2; US7376322B2; US7978951B2; US8023791B2; US8331753B2; US8494330B2; US8705928B2; US9213159B2; US9964726B2; US10359591B2; US11280974B2; US7376323B2; US7706656B2; US7912336B2; US8121457B2; US8494329B2; US8542972B2; US9753238B2; US10031305B2; US10175442B2; US10545305B2; US10606019B2; US10732370B2; US7536075B2; US11726285B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1473578 A2 20041103; **EP 1473578 A3 20050202**; **EP 1473578 B1 20080618**; AT E398785 T1 20080715; DE 602004014437 D1 20080731; JP 2004361932 A 20041224; JP 4476015 B2 20100609; US 2004218885 A1 20041104; US 7035519 B2 20060425

DOCDB simple family (application)
EP 04252555 A 20040430; AT 04252555 T 20040430; DE 602004014437 T 20040430; JP 2004135819 A 20040430; US 83369904 A 20040428